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BARROWFORD URBAN DISTRICT
COUNCIL.

ANNUAL REPORT
OF THE
MEDICAL OFFICER OF HEALTH
FOR THE YEAR ENDED 31st DECEMBER, 1943.

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Barrowford Urban District Council.

PUBLIC HEALTH STAFF.

Medical Officer of Health:

G.J. Roberts, M.D., B.Sc., M.R.C.S., L.R.C.P.,
D.P.H., D.P.A.

Surveyor and Sanitary Inspector:

R. Ratcliffe, Assoc. M. Inst., C.E., C.R.S.I.

Part-time Officers

from the

Nelson Public Health Department:

J.W. Ingham, C.R.S.I.

S. Grindrod, C.R.S.I.

3.

Public Health Office,

Nelson.

September, 1944.

To the Chairman and Members of the
Barrowford Urban District Council.

Mr. Chairman, Mrs. Councillor Hindley, and
Gentlemen,

I have pleasure in submitting the Annual
Report on the Health of Barrowford during 1943.
It has again been much abbreviated.

I wish to acknowledge the help of the
Members of the Council, the Clerk and the
Surveyor-Sanitary Inspector.

I remain,

Your obedient servant,

G.J. ROBERTS,

Medical Officer of Health.

4.

Statistics and social conditions of the Area.

Area in acres	1387
Population - Census 1931	5299
Registrar General's estimate of resident population mid-1943	4384
Number of inhabited houses:-	
(a) Census 1931	1602
(b) End of 1943 according to Rate Books	1783
Rateable value	£ 27574
Sum represented by a penny rate	£ 108

No change has occurred in social or industrial conditions. Unemployment is minimal.

Vital Statistics.

No unusual or excessive mortality occurred during the year nor any significant alteration in occupation or environment adversely affecting health.

Births.

Live births.

	Males	Females	Total
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Total	31	18	49	all legitimate
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Rate:- 11.1 per thousand of population.

5.

Still Births.

	Males	Females	Total
1			
Total	1	3	4 all legitimate

Rate:- 0.91 per thousand of population.

Combined live and still Birth rate:-
12.08 per thousand of population.

Still births in relation to total births:-
75 per thousand births.

The number of births registered during the year as occurring in Barrowford was 23 (20 live and 3 still) of whom 2 live births relate to non-residents. This indicates that of the total of 53 births (49 live and 4 still) 32 (31 live and 1 still) took place elsewhere.

Deaths.

	Males	Females	Total.
Total	32	29	61

Rate:- 13.9 per thousand of population.

93% of the total deaths were of residents of 40 and over, and 39% residents of 70 and over. 62% of the deaths occurred within and 38% outside the area.

The excess of deaths over live births during the year was 12.

No maternal death occurred during the year.

Analysis of deaths according to causes, with rates:-

Cause of death	M	F	Total	Death rate per 1000 of population
All causes.	32	29	61	13.9
Tuberculosis of respiratory system	1	-	1	0.22
Malignant disease	5	4	9	2.05
Diabetes	-	1	1	0.22
Intra-cranial vascular lesions	5	4	9	2.05
Heart disease	6	8	14	3.19
Bronchitis	1	2	3	0.68
Pneumonia	1	1	2	0.45
Other respiratory diseases	1	1	2	0.45
Ulcer of stomach or duodenum	1	-	1	0.22
Other digestive diseases	-	2	2	0.45
Nephritis	3	1	4	0.91
Premature birth	1	-	1	0.22
Congenital malformation	1	-	1	0.22
Suicide	-	1	1	0.22
Other violent causes.	2	-	2	0.45
All other causes	4	4	8	1.82

Of the causes of death, heart disease, malignant disease, and cerebral vascular lesions account for 52%.

3 deaths occurred of infants under one year of age, this representing an Infantile Mortality for the year of 61 per thousand live births. Age and cause of death of the infants:- 2 days - cerebral haemorrhage, 2 weeks - prematurity, 10 months - pneumonia.

Birth Rates, Civilian Death Rates, Analysis of Mortality, and Maternal Mortality in the year 1943

	Eng. & Wales	126 County Boro's & Great Towns incl. London	148 Towns pop 25000 to 50000 1931 Census	London Adm County	Nelson	B'fē
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Rates per 1000 Civilian Population

Births:-						
Live	16.5	18.6	19.4	15.8	13.3	11.1
Still	1.51	0.53	0.61	0.45	0.57	0.91
Deaths:-						
All causes	12.1	14.2	12.7	15.0	16.1	13.9
Typhoid & p'typhoid	0.00	0.00	0.00	0.00	0.00	0.00
Scarlet Fever	0.00	0.00	0.00	0.00	0.03	0.00
Whooping cough	0.03	0.03	0.03	0.03	0.00	0.00
Diphtheria	0.03	0.04	0.04	0.02	0.00	0.00
Influenza	0.37	0.36	0.37	0.27	0.25	0.00
Measles	0.02	0.02	0.02	0.02	0.00	0.00

Rates per 1000 Live Births.

Deaths under 1 year of age	49	58	46	58	48	61
Deaths from Diarrhoea etc. under 2 years	5.3	7.9	4.4	10.4	2.4	0.00

Maternal mortality per 1000 total births
(live and still)

	Abortion with Sepsis	Abortion without Sepsis	Puerperal infection	Other causes.
England & Wales	0.34	0.11	0.39	1.45
Nelson	0.00	0.00	0.00	0.00
Barrowford	0.00	0.00	0.00	0.00

Abortion-Mortality per million women
aged 15 - 45.

	With Sepsis.	Without Sepsis.
England & Wales	25	8

Hospital provision for the area remains unchanged.

SANITARY CIRCUMSTANCES OF THE AREA.

Water supply. - No change.

Drainage and Sewerage - No change.

Rivers and Streams - The Ribble Joint Committee undertakes the supervision of the rivers and streams.

where improvements to buildings have been carried out.

Accredited milk is produced at 3 farms and undesignated milk at all the others.

Annual Inspection of dairy herds is carried out by a veterinary officer of the Ministry of Agriculture and Fisheries.

Informal samples of milk have been examined at the Public Health Laboratory, Nelson, details of the examination being as follows:-
67 samples showed - chemical analysis - 66 genuine and 1 deficient in milk fat; visible cleanliness: 58 all satisfactory; methylene blue test - 67 of which 15 failed to attain the standard; coliform bacilli - 58 samples of which 18 samples showed the organism present in 0.01 c.c Resazurin test - 6 excellent, 28 very good, 19 good, 10 fair, 1 poor, 3 very bad.

10 samples were tested biologically for the presence of tubercle bacilli, all being negative.

Meat and other food - Central slaughtering is carried out at Colne.

Food and Drugs Act, 1938 - The administration of this Act is under the Lancashire County Council.

PREVALENCE AND CONTROL OF INFECTIOUS DISEASE.

Hospital accommodation - Provided by the Burnley Joint Hospital Board.

Infectious diseases - There were 21 notified cases of scarlet fever of whom 13 were removed to hospital; 1 of diphtheria (unimmunised), 84 of measles, 2 of whooping cough, 1 of erysipelas, and 1 of dysentery (removed to hospital).

A supply of diphtheria antitoxin for local practitioners is kept at the Police Station, Nelson.

Disinfection after infectious diseases - 23 houses were disinfected by formalin spray and vapour and 111 articles disinfected in the steam disinfector at Nelson.

Analysis of cases of infectious disease notified in 1943.

Age group years.	Scarlet fever	Diph.	Measles	W cough	Dysnty	Erysipelas.
Total cases	21	1	84	2	1	1
Under 1	-	-	4	-	1	-
1 -	-	-	3	1	-	-
2 -	-	-	10	-	-	-
3 -	-	-	10	1	-	-
4 -	4	-	21	-	-	-
5 -	8	-	32	-	-	-
10 -	6	-	3	-	-	-
15 -	1	1	-	-	-	-
20 -	2	-	1	-	-	-
35 -	-	-	-	-	-	-
45 -	-	-	-	-	-	1
65 and over	-	-	-	-	-	-

Diphtheria immunisation - During the year 43 pre-school children have completed treatment.

Overleaf is a table giving the number of children at various ages inoculated annually.

Age in years
on 31st Dec.
of the
corresponding
year.

Persons inoculated
each year from
1941 to 1944

	1941	1942	1943	
0	--	-	2	Total inoculated aged under 5 yrs on 31 Dec. 1943 105
1	12	27	29	
2	6	7	5	
3	17	10	4	
4	12	14	3	
5	14	11	0	Total inoculated aged 5 - 14 yrs on 31 Dec. 1943 367
6	26	13	-	
7	31	13	-	
8	36	11	-	
9	26	17	-	
10	20	16	-	
11	30	15	-	
12	30	7	-	
13	29	8	-	Total aged 15 and over 38
14	5	3	-	
15 and over	-	1	-	
Total each year	294	173	43	Grand total 1941 - 1943 510

An approximate estimate of the child population, based on the issue of ration books, has been supplied, and calculating on these figures the number of immunised children aged 0 - 4 plus year is approximately 40.5% and aged 5 - 14 plus years 69.5%

Pathological and Bacteriological examination - These are carried out at the Public Health Laboratory, Nelson, by arrangement with the Nelson Corporation. 59 examinations were carried out involving 17 throat swabs, 2 sputa, 6 urethral smears, 4 blood films, 12 urines, 3 eye swabs, 1 cerebro-spinal fluid, 4 pathological specimens (tumours) and 10 milk deposits.

Case rates for certain Infectious Diseases in the year 1943.

	Eng. & Wales	126 Great Towns incl. London.	148 Towns 25000 to 50000 pop.	London Adm. County	Nelson	B'ford
	Rates per 1000 civilian population					
<u>Notificans.</u>						
Typhoid	0.01	0.01	0.02	0.01	0.00	0.00
Para-typhoid	0.01	0.01	0.01	0.01	0.00	0.00
C.S. fever	0.08	0.10	0.06	0.09	0.06	0.00
Scarlet fever	3.01	3.29	3.54	3.80	6.39	4.79
Whooping cough	2.54	2.02	2.25	2.68	3.07	0.45
Diphtheria	0.88	1.12	0.77	0.74	0.25	0.22
Erysipelas	0.31	0.35	0.27	0.42	0.32	0.22
Measles	9.88	9.23	9.77	9.17	13.99	19.16
Pneumonia	1.34	1.62	1.16	1.27	0.82	0.00
	Rates per 100 total births, (live and still).					
Puerperal Pyrexia	11.68	15.11	9.26	15.23	4.76	0.00

15.

TUBERCULOSIS.

There were 3 new cases and 1 death during the year; of the notified cases 1 was respiratory (male between 25 - 35 years) and 2 non-respiratory (1 female 15 - 20 years and 1 male between 35 - 45 years). The death was in respect of a notified case of respiratory tuberculosis in a male between 45 and 55 years.

Maternity and Child Welfare.

The Welfare Authority is the Lancashire County Council.

No case of Ophthalmia Neonatorum or Puerperal Pyrexia was notified during the year.

